

Dictionary Of Biomedical Science

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Dictionary of Biomedical Science - Peter J. Gosling 2002-03-28

Do you want to know what inherited defect causes thalassaemia? Do you understand the significance of "resistance" when applied to microbiology? Can you say what a "frozen section" really is? The Dictionary of Biomedical Sciences answers all these questions and more. This informative, practical guide contains over 8000 entries that define all the basic principles of biomedical sciences, together with a wealth of other information. It reflects current practice in all aspects of biomedical science and includes variant spellings, punctuation, abbreviations, acronyms, symbols, nomenclature, prefixes and suffixes and covers the field in a concise, clear and authoritative manner.

Science and Technology Resources - James E. Bobick 2011

An indispensable resource for anyone wanting to create, maintain, improve, understand, or use the diverse information resources within a sci-tech library. * Over 80 screenshots of electronic information resource tools designed for the engineer and scientist; page reproductions from print sources and illustrations from scholarly journal articles and monographs are also included * Each chapter concludes with a comprehensive list of additional resources for further research * Approximately 30 discipline-specific subject bibliographies in the appendix section act as indispensable guides for developing library collections, as well as for compiling introductory textbooks appropriate for library science students * Included pathfinders provide expert guides for targeted online research * Corresponding instructor exercises are available at the publisher's website

Reference Sources for Small and Medium-Sized Libraries - Jack O'Gorman 2014-02-25

Focusing on new reference sources published since 2008 and reference titles that have retained their relevance, this new edition brings O'Gorman's complete and authoritative guide to the best reference sources for small and medium-sized academic and public libraries fully up to date.

[The Illustrated Dictionary of Toxicologic Pathology and Safety Science](#) - Pritam S. Sahota 2019-04-26

There has been a growing interest in toxicologic pathology, especially as related to its impact on the safety assessment of pharmaceuticals and chemicals, and in drug development. Thus, there is a growing need for an Illustrated Dictionary of Toxicology Pathology and Safety Science (IDTP) that this dictionary aims to fill. The language of toxicologic pathology may be less familiar to a broad range of safety scientists, especially those involved in the safety evaluation of pharmaceuticals and chemicals. The IDTP format provides the brevity and clarity that the user is not likely to receive in a textbook, even if adequately indexed. With the inclusion of descriptions for terms used in toxicology, drug metabolism/pharmacokinetics, and regulatory science, the scope of the IDTP is considerably broadened and decidedly unique in its appeal to all safety scientists. With over 800 photos and illustrations to provide visual context,* an important aim of the IDTP is to present pathological changes as reference examples for terminology, nomenclature, and term descriptions for the entry entry-level as well as seasoned toxicologic pathologist. It will also aid students and non-pathology specialists such as study directors, senior toxicology report reviewers, scientific management of contract research organizations, regulatory agencies, and drug development companies to better understand the biological significance of tissue changes. The IDTP provides a single reference volume for these users to further their understanding and appreciation of biologically significant pathology

findings. The IDTP consists of four major areas: 1. A-Z Dictionary of Pathology encompassing all organ systems, together with relevant non-pathology terms supported by references in "For Further Reading" sections. 2. Appendix 1: An Overviews of Drug Development, Nonclinical Safety & Toxicologic Pathology, and Important/Special Topics. 3. Appendix 2: Diagnostic Criteria of for Proliferative Proliferative Lesions in Rodents (Rat and Mouse) and Selected Non-Rodent Laboratory Species containing illustrations with detailed references and links to source material. 4) Appendix 3: Mini-Atlas of Organ System Anatomy and Histology to help re-acquaint the non-pathologist safety scientist with many normal anatomical structures. The editors and contributing scientists (board-certified veterinary pathologists, board-certified toxicologists, allied health safety scientists, health regulatory representatives) have experience from bench-level pathology and toxicology to managing global preclinical safety units in leading pharmaceutical companies. They have considerable experience mentoring pharmaceutical industry project team members, interacting with industry clinicians and representatives of decision-making bodies within the industry, as well as with global health authorities, such as the FDA and EMA. These activities convinced them of the necessity for and usefulness of the IDTP. As experts in their field, they have undertaken the hard work of writing and compiling the information, making the IDTP an exceptional, go-to reference. *Illustrations Editor: Gregory Argentieri

Dictionary of Biomedical Science - Peter J. Gosling 2002-05-31

Do you want to know what inherited defect causes thalassaemia? Do you understand the significance of "resistance" when applied to microbiology? Can you say what a "frozen section" really is? The Dictionary of Biomedical Sciences answers all these questions and more. This informative, practical guide contains over 8000 entries that define all the basic principles of biomedical sciences, together with a wealth of other information. It reflects current practice in all aspects of biomedical science and includes variant spellings, punctuation, abbreviations, acronyms, symbols, nomenclature, prefixes and suffixes and covers the field in a concise, clear and authoritative manner.

[Using the Engineering Literature, Second Edition](#) - Bonnie A. Osif 2016-04-19

With the encroachment of the Internet into nearly all aspects of work and life, it seems as though information is everywhere. However, there is information and then there is correct, appropriate, and timely information. While we might love being able to turn to Wikipedia® for encyclopedia-like information or search Google® for the thousands of links on a topic, engineers need the best information, information that is evaluated, up-to-date, and complete. Accurate, vetted information is necessary when building new skyscrapers or developing new prosthetics for returning military veterans While the award-winning first edition of Using the Engineering Literature used a roadmap analogy, we now need a three-dimensional analysis reflecting the complex and dynamic nature of research in the information age. Using the Engineering Literature, Second Edition provides a guide to the wide range of resources available in all fields of engineering. This second edition has been thoroughly revised and features new sections on nanotechnology as well as green engineering. The information age has greatly impacted the way engineers find information. Engineers have an effect, directly and indirectly, on almost all aspects of our lives, and it is vital that they find the right information at the right time to create better products and processes.

Comprehensive and up to date, with expert chapter authors, this book fills a gap in the literature, providing critical information in a user-friendly format.

Traversing Transnational Biomedical Landscapes - Judith Schühle 2020-04-30

In the age of globalization, the transnational dimension of sciences like medicine seems to be given.

However, the agents connecting different parts of this transnational biomedical landscape have yet to receive their due attention. Situated at the intersection of contemporary debates as well as theories of medical anthropology and migration in the 21st century, this book explores the experiences of Nigerian trained physicians who migrated to the US and the UK within the last 40 years. By drawing on individual professional life stories, Judith Schühle illuminates how these physicians disconnect from and (re)connect to diverse local social and biomedical contexts, becoming established abroad while at the same time trying to influence health care services in Nigeria through transnational endeavors.

A Dictionary of Epidemiology - Miquel S. Porta 2014

This edition is the most updated since its inception, is the essential text for students and professionals working in and around epidemiology or using its methods. It covers subject areas - genetics, clinical epidemiology, public health practice/policy, preventive medicine, health promotion, social sciences and methods for clinical research.

Biomedical Platforms - Associate Professor of History Peter Keating 2003

An examination of postwar medicine based on the notion of the biomedical platform—the theoretical and clinical meeting ground between the normal and the pathological.

Lewis' Dictionary of Toxicology - Robert Alan Lewis 1998-03-23

This reference contains a staggering number of well-researched and commonly used terms from toxicology and related fields. Scientists from virtually every environmentally oriented field, from chemistry to nursing to agriculture, will find what they need in this dictionary. It features vast coverage of terms, from chemical names and pathogenic terms to official abbreviations, environmental topics, and biological definitions. Each entry categorizes all major definitions and usage, with extensive cross-references for synonyms and related entries. Including nearly every major technical toxicological term as applied to both human and environmental studies, Lewis' Dictionary of Toxicology is broader and more comprehensive than any other to date. It is based on terms found in more than 600 journals, 15,000 reprints of scientific papers, and numerous leading reference sources.

Webster's New World Medical Dictionary, Fully Revised and Updated - WebMD 2008-05-27

When your doctor uses terms like intraductal carcinoma or akathisia, do you understand and can you ask the right questions? If you, like most Americans, are taking a more active role in your family's healthcare, the fully revised and updated Webster's New World Medical Dictionary, Third Edition will help you understand and communicate your medical needs when it matters the most. Written by doctors and the experts at WebMD, this edition includes 8500 entries, including 500 new terms, a vitamin appendix, and a companion website to give you access to medical language.

Concise Dictionary of Pharmacological Agents - I.K. Morton 1999-10-31

This dictionary provides a convenient personal reference source, intended to complement more encyclopaedic works. First, there is an alphabetic, fully cross-indexed listing of pharmacologically active agents and their properties, containing details of some 4000 individual chemical agents including medical drugs in current use, experimental agents and toxins used as investigation tools. Over 10,000 alternative names are indexed, including chemical names, abbreviated chemical names, official pharmacological names, proprietary names and research code numbers. A key feature is that the properties of the agents are categorised, according to mechanism and use, into 300 classes -for each of which there are descriptive articles for which key literature and review references are provided. Second, there is an alphabetical glossary explaining the meaning of some 3000 biomedical terms from pharmacology, biochemistry, molecular biology, immunology, pathology, physiology, anatomy and microbiology. Emphasis in explanation is given to terms that can cause confusion, for example those relating to drug receptors and to endogenous mediators. Audience: This work provides indispensable information for researchers in the fields of pharmacology, medicinal chemistry and pharmaceuticals, and biochemistry, as well as for medical and science writers and editors and drug regulatory officers.

Clinical Biochemistry - Nessar Ahmed 2016-11-24

Clinical Biochemistry covers the core biochemistry that biomedical science students need to know, placing it in the context of human disease. Throughout the text, the theory is continually related to laboratory practice through the use of examples and case studies.

Concise Dictionary of Pharmacological Agents - I.K. Morton 2012-12-06

The purpose of this dictionary is to provide a convenient and affordable personal desk reference resource. The authors, who have many years experience in pharmacological research, teaching and editing, recognized a need for a single up-to-date volume encompassing material that hitherto could be gathered only from a well-stocked library. This book comprises two main sections: an A-Z listing of drugs and their properties; and a descriptive glossary of technical terms. The level and scope of this reference material will make it essential for pharmacologists and medicinal chemists, from the graduate student to established worker. It should also be valuable to workers in allied biomedical disciplines, such as biochemistry and physiology, medical students and science writers and editors. Scope The dictionary is centred on pharmacologically active agents. Workers in drug-related disciplines need to correctly identify individual agents from an arsenal of pharmacologically active compounds, each with a number of alternative drug names according to the country or naming convention.

A Dictionary of the History of Science - Anton Sebastian 2001-01-15

The only work of its kind, this dictionary is uniquely focused on the history of applied science, including medical and biomedical applications. It contains approximately 3000 detailed and extensively researched entries painstakingly compiled by Dr. Anton Sebastian, respected author of A Dictionary of the History of Medicine. A work of exceptional scholarship totaling some 400 double-column pages it contains many rarely seen illustrations from original sources involving hundreds of books and journals. This dictionary offers special value to scientists, doctors, and students as a marvelous source of hard-to-find, authoritative information about notable scientific figures, inventions, terms and dates, captivating anecdotes, and background material. The entries includes each term's Greek and Latin origins and concise biographies.

Illustrated Dictionary of Immunology - Julius M. Cruse 2009-04-20

From the beginning, immunologists have maintained a unique nomenclature that has often mystified and even baffled their colleagues in other fields, causing them to liken immunology to a black box. With more than 1200 illustrations, the Illustrated Dictionary of Immunology, Third Edition provides immunologists and nonimmunologists a single-volume resource for the many terms encountered in contemporary immunological literature. Encyclopedic in scope and including more than 1200 illustrations, the content ranges from photographs of historical figures to molecular structures of recently characterized cytokines, the major histocompatibility complex molecules, immunoglobulins, and molecules of related interest to immunologists. These descriptive illustrations provide a concise and thorough understanding of the subject. To reflect modern advances, the third edition includes entries on immunopharmacology, newly described interleukins, comparative immunology, immunity to infectious diseases, and expanded definitions in all of the immunological subspecialties. Providing unprecedented breadth and detail, this readily accessible book is not only a pictorial reference but also a primary resource.

Biomedical Engineering Dictionary of Technical Terms and Phrases - Sally F. Shady 2017-07-31

Biomedical engineering is one of the most prominent and rapidly developing engineering fields. It is a discipline that is involved in the development of devices, algorithms, processes, procedures and systems to enhance and improve the medical field. Biomedical engineering has multiple areas of specialization that include: biomechanics, biomaterials, tissue engineering, imaging, and bioinstrumentation. This book serves as a guide to students and professionals seeking to understand commonly used technical terms and phrases in the biomedical engineering field. The content is specifically designed to define technical terms in a general context to facilitate an overall understanding. The author begins by translating terms in English to Arabic then Arabic to English. This text can be used as a tool in the academic or professional environment for both English speaking and non-English speaking individuals alike.

Logic and Critical Thinking in the Biomedical Sciences - Jules J. Berman 2020-07-08

All too often, individuals engaged in the biomedical sciences assume that numeric data must be left to the proper authorities (e.g., statisticians and data analysts) who are trained to apply sophisticated

mathematical algorithms to sets of data. This is a terrible mistake. Individuals with keen observational skills, regardless of their mathematical training, are in the best position to draw correct inferences from their own data and to guide the subsequent implementation of robust, mathematical analyses. Volume 2 of Logic and Critical Thinking in the Biomedical Sciences provides readers with a repertoire of deductive non-mathematical methods that will help them draw useful inferences from their own data. Volumes 1 and 2 of Logic and Critical Thinking in the Biomedical Sciences are written for biomedical scientists and college-level students engaged in any of the life sciences, including bioinformatics and related data sciences. Demonstrates that a great deal can be deduced from quantitative data, without applying any statistical or mathematical analyses Provides readers with simple techniques for quickly reviewing and finding important relationships hidden within large and complex sets of data Using examples drawn from the biomedical literature, discusses common pitfalls in data interpretation and how they can be avoided

A Dictionary of Zoology Michael Allaby 2003-07-24

The only available paperback dictionary of zoology. This dictionary is a comprehensive and up-to-date reference work on all aspects of the study of animals. With over 5,000 entries, it is ideal for students and will be invaluable to amateur naturalists and all those with an interest in the subject. - ;This is the only available paperback dictionary of zoology. This dictionary is a comprehensive and up-to-date reference work on all aspects of the study of animals. Now with over 5,000 entries, it is ideal for students and will be invaluable to amateur naturalists and all those with an interest in the subject. It is illustrated with clear line drawings, and supported by useful appendices on the genetic code, endangered animals, and SI units. Wide coverage including animal behaviour, ecology, physiology, genetics, cytology, evolution, Earth history, zoogeography. Full taxonomic coverage of arthropods, other invertebrates, fish, reptiles, amphibians, birds, and mammals. Completely revised to incorporate the discovery of 'extremophiles' - organisms living in environments formerly considered impossibly hostile - and the taxonomic reclassification that this has entailed. Featuring entries on genetics, evolutionary studies, and mammalian physiology. -

Guide to Reference in Medicine and Health Christa Modschiedler 2014

Drawn from the extensive database of Guide to Reference, this up-to-date resource provides an annotated list of print and electronic biomedical and health-related reference sources, including internet resources and digital image collections. Readers will find relevant research, clinical, and consumer health information resources in such areas as Medicine Psychiatry Bioethics Consumer health and health care Pharmacology and pharmaceutical sciences Dentistry Public health Medical jurisprudence International and global health Guide to Reference entries are selected and annotated by an editorial team of top reference librarians and are used internationally as a go-to source for identifying information as well as training reference professionals. Library staff answering health queries as well as library users undertaking research on their own will find this an invaluable resource.

A Dictionary of Biomedicine John Lackie 2010-07-29

This dictionary includes 10,000 A-Z entries on all areas of biomedicine. It also covers terms from related areas, including anatomy, genetics, pathology, pharmacology, and clinical medicine. Fully cross-referenced and with web links, this is a clear and authoritative guide to an increasingly important area of medicine.

Biomedical Models and Resources National Research Council 1998-02-16

Printbegrænsninger: Der kan printes 10 sider ad gangen og max. 40 sider pr. session.

Academic Press Dictionary of Science and Technology - Christopher G. Morris 1992-08-27

Over 125,000 entries cover 124 scientific and technological fields, including acoustical engineering, cartography graphic arts, microbiology, organic chemistry, radiology, and zoology

Computational Intelligence in Biomedicine and Bioinformatics - Tomasz G. Smolinski 2008-10-01

The purpose of this book is to provide an overview of state-of-the-art methodologies currently utilized for biomedicine and/or bioinformatics-oriented applications. Researchers working in these fields will learn new methods to help tackle their problems.

Biomedical Acupuncture for Pain Management - E-Book - Yun-tao Ma 2004-09-13

Synthesizing biomedicine and traditional acupuncture, this unique clinical manual allows medical professionals to learn acupuncture and implement it immediately into practice with ease. Biomedical Acupuncture for Pain Management explains the biomedical mechanism of acupuncture, as well as the non-

specific nature of acupuncture and its neuro-psycho-immunological modulation. This straightforward system of acupuncture - termed INMAS by the authors - provides a quantitative method to predict the effectiveness of treatment for each patient and an individually adjustable protocol for pain patients. Introduction to the Integrative Neuromuscular Acupoint System (INMAS), as well as the Homeostatic Acupoint System (HAS), help western-trained acupuncturists understand classical techniques A 16-point evaluation method provides a reliable quantitative method to accurately arrive at prognosis Clinically relevant, integrative treatment approach in user-friendly language Numerous detailed tables, photos, and line drawings to help readers understand the anatomy, symptomatic signs, and clinical procedures Clear chapters organized by regional condition for easy readability and flow Case studies to assist with application of concepts in clinical practice Unique, clinical procedures for pain management with sections on examination and needling methods Two appendices for quick reference of acronyms, abbreviations, and the 24 homeostatic acupoints Up-to-date information on the latest techniques, including a chapter on electroacupuncture

Epidemiology and the People's Health - Nancy Krieger 2011-03-23

This concise, conceptually rich, and accessible book is a rallying cry for a return to the study and discussion of epidemiologic theory: what it is, why it matters, how it has changed over time, and its implications for improving population health and promoting health equity. By tracing its history and contours from ancient societies on through the development of--and debates within--contemporary epidemiology worldwide, Dr. Krieger shows how epidemiologic theory has long shaped epidemiologic practice, knowledge, and the politics of public health.

Institutional Review Board - Elizabeth A. Bankert 2006

This book is designed as an instructional manual that gives Institutional Review Board (IRB) members and administrators the information they need to run an efficient and effective system of protecting human research subjects, in compliance with federal research regulations. This reference provides a step-by-step approach to practical details of IRB administration and includes case studies, sample forms, and sample policy documents, as well as decision-making algorithms and lists of approval criteria for their resolution.

A Dictionary of Hallucinations Dirk Blom 2009-12-08

A Dictionary of Hallucinations is designed to serve as a reference manual for neuroscientists, psychiatrists, psychiatric residents, psychologists, neurologists, historians of psychiatry, general practitioners, and academics dealing professionally with concepts of hallucinations and other sensory deceptions.

The New Walford: Science, technology, and medicine Albert John Walford 2005

This version covers a wide range of information topics such as digital databanks and reference services, electronic journal collections, meta-search engines, networked information services, open archives and resource discovery services as well as the websites of both public and private sector organizations. A companion website will provide updates (and more) between volumes.

U.S. Environmental Protection Agency Library System Book Catalog - United States. Environmental Protection Agency. Library Systems Branch 1975

Szycher's Dictionary of Medical Devices - Michael Szycher 2018-12-12

FROM THE PREFACE The field of medical devices represents one of the most advanced technological areas in the United States. In 1991, over 12 million Americans had at least one medical device; fixation devices had the highest incidence, followed by contact lens use and lens implants and, lastly, artificial joints. The public has come to expect that medical devices will alleviate maladies and/or conditions that were not treatable fifty years ago. It is hard to believe that the first pacemaker was invented in the 1950s, the first artificial heart valve in 1952, and the first artificial hip replacement was performed in 1954. In 1992, the medical device industry exported a total of \$6.9 billion, while the country imported a total of \$3.9 billion, representing a \$3.0 billion trade surplus. Medical devices are among the most regulated products in the world. The FDA maintains a constant vigil over medical device manufacturers and importers; even medical device definitions are subject to official scrutiny. Title 21 of the Code of Federal Regulations publishes these definitions, but the definitions are spread over several medical specialty areas and are, thus, difficult to find. This book attempts to bring a measure of order by providing an alphabetical listing of officially defined devices.

An Introduction to Biomedical Science in Professional and Clinical Practice - Sam J. Pitt 2009-04-06
Biomedical Science in Professional and Clinical Practice is essential reading for all trainee biomedical scientists looking for an introduction to the biomedical science profession whether they are undergraduates following an accredited biomedical sciences BSc, graduate trainees or experienced staff with overseas qualifications. This book guides trainees through the subjects, which they need to understand to meet the standards required by the Health Professions Council for state registration. These include professional topics, laws and guidelines governing clinical pathology, basic laboratory techniques and an overview of each pathology discipline. It helps trainees at any stage of training and in any pathology discipline(s) to think creatively about how to gather evidence of their understanding and professional competence. By referring to specialist sources of information in each area, it helps students to explore particular topics in more depth and to keep up to date with professional and legal changes. It is also of value to any Training Officers who are looking for ideas while planning a programme of training for a trainee biomedical scientist. The book includes basic principles of working in the pathology laboratory including laws and regulations, which must be observed, such as health and safety, data protection and equal opportunities laws and guidelines. Practical exercises are included throughout the book with examples of coursework, suggestions for further exercises and self-assessment. Summary boxes of key facts are clearly set out in each chapter and ideas for group/tutorial discussions are also provided to enhance student understanding.

The Williams Dictionary of Biomaterials - 1999-01-01

There has been a rapid expansion of activity in the area of biomaterials and related medical devices, both in scientific terms and in clinical and commercial applications. The definition of terms has failed to keep pace with the rapidity of these developments and there is considerable confusion over the terminology used in this highly multi- and inter-disciplinary area. This confusion has arisen partly from the use of inappropriate terms which already have well-defined meanings in their parent disciplines, but which are used inexpertly by those working in other disciplines, and partly from the haphazard generation of new terms for the purpose of defining new phenomena or devices. For example, many terms used in pathology with distinct, if not readily understood, meanings are used by materials scientists to describe biocompatibility phenomena with slightly changed or even wholly misrepresented meanings; similarly, terms from materials science and engineering are seriously misused by biologists and clinicians working in this field. The leading proponent of harmonization and clarity in medical device terminology, Professor D. F. Williams has been influential in setting the standard for the accurate definition of some of the terms used. In particular, the definition of biocompatibility, 'the Williams definition', agreed at a 1987 conference has been adopted worldwide. Now, in association with O'Donnell and Associates of Brussels, he has prepared The Williams Dictionary to provide a definitive exposition of the meaning of the terminology used in the area of biomaterials and medical devices. It includes definitions and explanations of more than 2,000 terms from many areas, including biomaterials and medical devices, materials science, biological sciences, and clinical medicine and surgery.

Institutional Review Board: Management and Function - Public Responsibility in Medicine & Research (PRIM&R), 2021-03-01

Institutional Review Board (IRB) members and oversight personnel face challenges with research involving new technology, management of big data, globalization of research, and more complex federal regulations. Institutional Review Board: Management and Function, Third Edition provides everything IRBs and administrators need to know about efficiently managing and effectively operating a modern and compliant system of protecting human research subjects. This trusted reference manual has been extensively updated to reflect the 2018 revisions to the Federal Policy for the Protection of Human Subjects (Common Rule). An essential resource for both seasoned and novice IRB administrators and members, Institutional Review Board: Management and Function provides comprehensive and understandable interpretations of the regulations, clear descriptions of the ethical principles on which the regulations are based, and practical step-by-step guidance for effectively implementing regulatory oversight.

English for Biomedical Scientists - Ramón Ribes 2009-07-21

Biomedical scientists are the most likely health care professionals to actually move to an English-speaking country to continue professional training and career-development. This book should help to apply for jobs,

write résumés, face job interviews and settle into a new working environment in English. The practical approach of the units will boost the readers' self-confidence in their own English-capabilities. This book should help reducing the anticipated stress of having to learn important matters directly "on the job", and secure more efficient and productive communication from the start.

Toward Precision Medicine - National Research Council 2012-01-16

Motivated by the explosion of molecular data on humans-particularly data associated with individual patients-and the sense that there are large, as-yet-untapped opportunities to use this data to improve health outcomes, *Toward Precision Medicine* explores the feasibility and need for "a new taxonomy of human disease based on molecular biology" and develops a potential framework for creating one. The book says that a new data network that integrates emerging research on the molecular makeup of diseases with clinical data on individual patients could drive the development of a more accurate classification of diseases and ultimately enhance diagnosis and treatment. The "new taxonomy" that emerges would define diseases by their underlying molecular causes and other factors in addition to their traditional physical signs and symptoms. The book adds that the new data network could also improve biomedical research by enabling scientists to access patients' information during treatment while still protecting their rights. This would allow the marriage of molecular research and clinical data at the point of care, as opposed to research information continuing to reside primarily in academia. *Toward Precision Medicine* notes that moving toward individualized medicine requires that researchers and health care providers have access to very large sets of health- and disease-related data linked to individual patients. These data are also critical for developing the information commons, the knowledge network of disease, and ultimately the new taxonomy.

Wörterbuch der Humanbiologie / Dictionary of Human Biology - Peter Reuter 2013-11-11

Birkhäuser's Dictionary of Human Biology is the most comprehensive English-German/ German-English dictionary on the international market. More than 60.000 entries and subentries with some 150.000 translations and an extent appendix with abbreviations and terminologia anatomica provide users with an unrivaled coverage of medical, biological and related bioscientific areas. The dictionary excels through a harmonious synthesis of biomedical and general bilingual dictionaries, making it the ideal choice for users from both scientific and linguistic fields. Furthermore, Birkhäuser's Dictionary of Human Biology is marked by a first class linguistic and lexicographic treatment and offers additional features, such as syllabification and pronunciation, that help in achieving a very high user friendliness and user satisfaction.

Using The Biological Literature - Diane Schmidt 2001-12-06

"Provides an in-depth review of current print and electronic tools for research in numerous disciplines of biology, including dictionaries and encyclopedias, method guides, handbooks, on-line directories, and periodicals. Directs readers to an associated Web page that maintains the URLs and annotations of all major Internet resources discussed in th

Szycher's Dictionary of Biomaterials and Medical Devices - Michael Szycher 2019-08-08

This dictionary contains thousands of definitions from various related disciplines and minimizes the need for several dictionaries. The book defines everything from AAMI (Association for the Advancement of Medical Instrumentation) to zymogen (proenzyme). The editor, an internationally recognized expert in the area of biomaterials, has combined knowledge from the fields of medicine, pharmacology, physiology, polymer chemistry, biochemistry, metallurgy, and organic chemistry.

Dictionary of DNA and Genome Technology - Paul Singleton 2012-11-28

DNA technology is evolving rapidly, with new methods and a fast-growing vocabulary. This unique dictionary offers current, detailed and accessible information on DNA technology to lecturers, researchers and students throughout the biomedical and related sciences. The third edition is a major update, with over 3000 references from mainstream journals and data from the very latest research - going well beyond the remit of most science dictionaries. It provides clear explanations of terms, techniques, and tests, including commercial systems, with detailed coverage of many important procedures and methods, and includes essay-style entries on many major topics to assist newcomers to the field. It covers topics relevant to medicine (diagnosis, genetic disorders, gene therapy); veterinary science; biotechnology; biochemistry; pharmaceutical science/drug development; molecular biology; microbiology; epidemiology; genomics; environmental science; plant science/agriculture; taxonomy; and forensic science.

